

**Bureau of Land Management**

# **Boise Smokejumpers**

9/20/08

## ***ACTION SUMMARY 2002***

# BOISE BLM SMOKEJUMPERS

## Action Summary 2002

### Summary Statistics:

#### **Crew configuration: 89**

Smokejumpers	86
Smokejumper Pilot	1
Administrative Assistants	2

#### **Fires staffed in BLM Boise Smokejumper Operations: 222**

Jumped	202
Driven to	20
Helitacked	1

**Smokejumpers on fire, BLM Boise operations: 1275**

**Fire jumps, BLM Boise operations: 1159**

#### **IA effectiveness (contained within 24 hours of arrival):**

IA fires	85.4%
Reinforcement fires	14.6%

**Boise Smokejumper training and proficiency jumps: 1138**

**Boise Smokejumper total jumps: 1827**

#### **Visiting jumpers used in Boise operations - # of jumps: 462 – 36.46%**

Alaska	119
USFS	343

#### **Number of Jumpers:**

Alaska	38
GAC	5
Missoula	33
McCall	18
NCSB	11
Redmond	15
Redding	35
West Yellowstone	5

#### **Boise jumpers used in other smj operations: 49**

Alaska	29
USFS	20

<u>State</u>	<u># Fires</u>	<u>Owner</u>	<u>District</u>	<u># Fires</u>
Arizona	3	BLM	Arizona Strip	2
		USFS	Kaibab	1
<u>State</u>	<u># Fires</u>	<u>Owner</u>	<u>District</u>	<u># Fires</u>
Colorado	89	BLM	Canon City	1
			Craig	9
			Grand Junction	21
			Pueblo	2
			Royal Gorge	1
			San Carlos	1
		PRIVT STATE	Pueblo	2
			Durango	1
			Fisher Peak	1
		USFS	San Isabel	5
			Arapaho	2
			Grand Mesa	5
			Gunnison	2
			San Juan	6
			Dixie	1
			Flat Top Wilderness	1
			Custer	1
			Rio Grande	4
			Pike	2
			White River	13
			Routt	7
			Manti La Sal	1
<u>State</u>	<u># Fires</u>	<u>Owner</u>	<u>District</u>	<u># Fires</u>
Idaho	7	BLM	Lower Snake	1
			Southern Idaho	1
		USFS	Payette	1
			Boise	3
			Sawtooth	1
<u>State</u>	<u># Fires</u>	<u>Owner</u>	<u>District</u>	<u># Fires</u>
Kansas	2	PRV	Kansas	2
<u>State</u>	<u># Fires</u>	<u>Owner</u>	<u>District</u>	<u># Fires</u>
Montana	3	USFS	Custer	1
		FWS	Lewistown	1
		PRIVT	n/a	1
<u>State</u>	<u># Fires</u>	<u>Owner</u>	<u>District</u>	<u># Fires</u>
Nevada	55	BLM	Auston	1
			BAM	7
			Carson	6
			Elko	14
			Ely	12
			Winnemucca	10
		USFS	Humboldt/Toiyabe	5
<u>State</u>	<u># Fires</u>	<u>Owner</u>	<u>District</u>	<u># Fires</u>

Utah	62	BIA	Vernal	2
			Arizona Strip	1
		BLM	Cedar City	17
			Escalante	2
			Moab	6
			Price	1
			Vernal	3
		NPS	Bryce	1
			Canyonlands	1
			Zion	1
			Cedar City	1
		PRIVT	Cedar City	2
			Richfield	1
		STATE	Vernal	1
			Dixie/Fishlake/Mantilasal	20
		USFS	Ashley	2
<b><u>State</u></b>	<b><u># Fires</u></b>	<b><u>Owner</u></b>	<b><u>District</u></b>	<b><u># Fires</u></b>
Wyoming	1	USFS	n/a	1

**Fire missions by departure point:**

Battle Mountain	18	Miles City	1
Boise	4	Previous Fire	1
Canyon City	24	Rx Project	4
Carson City	13	Twin Falls	4
Cedar City	61	Winnemucca	3
Craig	1		
Elko	10		
Ely	11		
Grand Junction	98		

<b><u>Fire size distribution</u></b>	<b><u># of fires</u></b>	<b><u>% size growth from arrival to control</u></b>
A (.1-.24 ac.)	61	89.35(%)
B (.25-9ac.)	91	99.36(%)
C (10-99 ac.)	42	83.96(%)
D (100-299 ac.)	8	94.64(%)
E (300-999 ac.)	6	97.28(%)
F (1000-4999 ac.)	1	41.18(%)
G (5000+ ac.)	0	0(%)

**Number of Smokejumpers per fire:**

1-2	26.3(%)
3-4	23.9(%)
5-6	12.3(%)
7-8	35.8(%)
>8	1.5(%)

## Great Basin/Rocky Mtn. jumper/fire statistics, 1988-2002

Year	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	Avg
<b>Smj</b>	140	236	237	122	133	147	827	282	1245	232	488	903	1259	1170	<b>1275</b>	<b>580</b>
<b>Fires</b>	38	52	58	40	43	32	167	72	239	41	96	173	296	217	<b>222</b>	<b>119</b>

### Aircraft summary:

#### **Boise a/c Fleet:**

J-49 (49SJ) Fleet Twin Otter  
 J-44 (N144SA) Leading Edge Aviation, 90 day, contract Twin Otter (6/6-10/02)  
 J-25 (N252SA) Leading Edge Aviation, 90 day, contract Twin Otter (5/06—9/17)  
 J-59 (CGKBG) Ken Borek Air Ltd., 90 day, contract Twin Otter (5/31—9/17)  
 J-78 (N178GC) GAC leading Edge Otter / filled-in for 1 month for J-44 (4/29-6/06)

#### **Other BLM a/c used in the Great Basin:**

J-66 (N266MC) Bighorn contract Dornier 228 (7/10--9/9)

#### **USFS a/c used in the Great Basin:**

J-41 MYL Otter - BOI - 27.1 hrs and GJT+CDC - 3.3 hrs  
 J-78 RAC Sherpa - GJT - 3.9 hrs  
 J-51 RDD DC3 - GJT - 16.9 hrs  
 J-13 WYS Dornier - GJT - 6.6 hrs

#### **BLM aircraft - hours flown:**

<u>A/C - Primary pilot(s) &amp; relief</u>	<u>Hours flown</u>	<u>Primarily stationed</u>
J-49 - Stalder/ Hinkle	195.8	Canon/GJ/Twin
J-44 - Svoboda/Matthews	182.6	GJ/Durango
J-25 - LaMoy/Matthews	205.6	Cedar City
J-59 - Emberley/Matthews	120.6	BAM/Carson/Ely
J-66 - Candee/Eisele, C.	92.7	BAM/Carson
J-78 - Svoboda/Matthews	61.4	Boise/GJ

**Total hours** by BLM aircraft in the Great Basin - 2002 = **858.7** (4/05/02-10/18-/02)

**Average** flight hours, 1991-2001, by BLM a/c in the Basin = **496**

Forest Service a/c flew an additional **57.8** hours on fire missions in the Great Basin.

Total smj. aircraft flight time in Great Basin in 2002 = **916** hours (Highest year)

### **A/C notes:**

- Third year of a 5 year contract w/Leading Edge for 2 contract Twin Otters (90-day).

- Second year of a 5-year contract (Twin Otter).

-J-49 upgraded this winter with

(1) new avionics to include/replace such things as weather radar, radar altimeter, TAWS (terrain awareness and warning system), GPS, and a cockpit voice recorder.

(2) DHC-34 engines.

### **Spotters:**

- Trained four new spotters this spring: Matt Bowers, Allison Cushman, Dave Vining, Rich Zimmerlee.

- Magallanes was selected into a new job at WGBCC.

-Kerley, Arnold, and Caughlin qualified as ATGS this year.

### **Safecom/incidents:**

- 1) 4/16/02 (#02-66) Airspace intrusion by Air National Guard C-130's over Murphy DZ.
- 2) 5/4/02 (#02-77) Simulated firepack in-tow behind the otter for a couple of seconds during spotter training at Murphy DZ.
- 3) 6/03/02 (#02-112) Dispute between Airtanker Base Mng/parking tender and Twin Otter pilot over parking area on the Grand Junction ramp.
- 4) 6/15/02 (#02-160) WYS Dornier was out of flight-following communication for 27 minutes en route from Grand Junction to Wyoming (Craig/Rawlings/Casper dispatch centers involved). National flight following repeaters were down in Rawlings and Craig.
- 5) 6/15/02 (#02-407) Sherpa in Grand Junction didn't download the standard Great Basin fireload in high temperatures.
- 6) 6/20/02 (#02-190) Cedar City Twin Otter had a near miss or possibly touched wings with another parked a/c while taxiing in alleyway between the jumper ramp and main ramp. No damage to either a/c.
- 7) 7/05/02 (#02-239) Ground loop by RDD TDC-3 on landing in Grand Junction.
- 8) 7/10/02 (#02-270) Near miss on "Stueben" fire in Colorado between RDD TDC-3 and SEAT.
- 9) 7/19/02 (#02-400) Winter Ridge fire in Colorado with jumper IC. National Guard helicopters were used on the fire without order dispatch (GJ) being aware the order had been filled. No HEMG/flight-following or notification by IC that resource was on scene.
- 10) 7/19/02 (#02-326) RDD Sherpa broke TFR on "Rattle" fire in UT en route from Grand Junction to RDD. Not aware of the expanded TFR.
- 11) 8/31/02 (FSM 5720) RDD Sherpa landed short of runway at Blanding, UT.

## **Loft Operations**

### **Loft Construction Projects**

#### **Completed:**

PG bags  
Pack out bags  
Harnesses  
regular harnesses  
student harnesses  
Cargo chute containers  
Drogue d-bags  
Let down ropes and bags  
Reserve containers and risers  
Jump helmets assembled  
Test drop dummies  
Fire pack straps  
Cargo loops  
Beater bags

#### **Contract Projects:**

IA cargo chutes  
IA cargo chute containers  
Jump suits  
Drogues  
Travel bags  
Wing locker bags  
Drogue 3 ring release assemblies

#### **Placed in service:**

Reserves  
Mains  
Drogues  
Cargo chutes

### **Senior Rigger=s License:**

### **Parachuting injuries:**

<b>Injury</b>	<b>Category</b>	<b>Date</b>	<b>Cause</b>
Knee strain	Minor	6/05/02	Hard landing
Fractured femur	Serious	6/09/02	Hard landing
Broken rib	Serious	6/11/02	Dragged on rocks
Face laceration	Minor	7/23/02	Helmet off on landing
Bruised arm	Minor	8/21/02	Hard landing

Serious Injury--Any injury which requires hospitalization for more than 48 hours; results in a bone fracture, except simple fractures of toes or fingers; causes severe hemorrhage, nerve, muscle or tendon damage; involves an internal organ; second or third degree burns over more than 5% of the body.

\*Minor Injury--Any injury less severe than listed above.

### **Details**

### **Single Resource Assignments**



# **Fuels Projects Summary**

Total fuels management projects: 21

Rx Burns: 18

Non-fire hazard fuel reduction: 2

Line Prep: 4

Burn plans/NEPA/WUI: 4

Mechanical Fuel Reduction Acres: 1600

Projects By Agency:

4 BLM	projects	9,300	acres
5 FWS	projects	13,943	acres
3 NPS	projects	980	acres
8 USFS	projects	13,280	acres
0 BIA	projects	0	acres
1 IDL	projects	200	acres

Smokejumpers on projects: 162

Person days on projects: 1231

## **BLM BOISE SMOKEJUMPERS RX FIRE ACTION 2002**

Date	Project	Proj Type	Acres	Agency	St	Dist/Park	# Smj
10/15/01	SNYDER CNY	BURN	6600	FWS	OR	LAKEVIEW DIST.	15
10/16-23/01	SPANISH FORKS	RXB1(T)		USFS	UT	UINTAH NF	1
10/18-19/01	FAIRVIEW/FEATHERVILLE	BURN	100	USFS	ID	MT. HOME	4
10/24-28/01	LONG CANYON	BURN	6900	BLM	OR	LAKEVIEW DIST.	9
10/24-28/01	RUBY LAKE	BURN	2000	FWS	NV	ELKO	8
11/02-06/01	MILES CITY	BURN	1700	BLM	MT	MILES CITY	6
10/29-11/11/01	NEW MEXICO MISC	BURN PREP PLAN		USFS	NM	CIBOLA NF	17
11/12-19/01	NEW MEXICO MISC	BURN PREP PLAN		USFS	NM	CIBOLA NF	6
11/12-20/01	NEW MEXICO MISC	BURN PREP PLAN		USFS	NM	CIBOLA NF	4
1/13-2/3/02	NEW MEXICO MISC	PLAN	12600	USFS	NM	CIBOLA NF	4
4/7-29/02	RAINWATER BASIN	BURN	3600	FWS	NE	NEBRASKA FWS	3
4/1-6/02	LOOP RX	BURN	100	NPS	UT	BRYCE CANYON	11
4/2-4/02	DIXIE	BURN	380	USFS	UT	DIXIE NF	6
4/6-11/02	BLUE CREEK RX	BURN	500	NPS	UT	ZION NPS	17
4/12-13/02	FAIRYLAND RD	BURN	380	NPS	UT	BRYCE CANYON	9
4/14-28/02	SAND HILLS RX	BURN	876	FWS	NE	CRESCENT LAKE NWR	3
4/21-5/2/02	DETROIT LAKES WMD	BURN	867	FWS	MN	DETROIT LAKES WMD	2
4/25-4/26 and 5/6/02	ELK CREEK RX	BURN	200	IDL	ID	IDAHO DEPT OF LANDS	17
5/7/02	BEAR RUN RX	BURN	200	USFS	ID	IDAHO CITY USFS	4
9/21-30/02	BUTTE, MT RX	PREP/SA WS	1600	BLM	MT	BUTTE BLM	8
9/16,17,24/02	OWYHEE BREAKS RX	BURN/FE MO	200	BLM	ID	LSRD BLM	4